

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-600 REV. E OR LATER APPROVED REVISIONS AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-600 REV. 5 OR LATER APPROVED REVISIONS
REF. TCCA STC: SH93-88
REF. FAA STC: SR00098NY AND SR00099NY
REF. EASA STC: EASA.IM.R.S.01292

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to allow installation of the D5470-1 Spacepod Floor Shim between the D3187-1 Floor and the aircraft baggage compartment floor to allow the D355-600-243 Spacepod B/N 144519 to be properly fit in relation to the airframe door cut-out.

2.0 INSTALLATION AND MAINTENANCE

- 1) Carry out installation instructions (IIN-D350-600 Rev. E or later) up to section 3.2.2.
- 2) Temporarily align the D3188-7 Spacepod Body with the upper portion of the door cut-out on the aircraft.
- 3) Measure the gap between the bottom of the D3187-1 Floor and the baggage compartment floor on the aircraft.

Note: Each D5470-1 Spacepod Floor Shim is 0.125 inches thick and it is acceptable to install a maximum quantity of (4) D5470-1 Spacepod Floor Shims.

- 4) Place the D5470-1 Spacepod Floor Shim(s) between the D3187-1 Floor and the aircraft baggage compartment floor and align the Qty (8) holes on the D5470-1 Spacepod Floor Shim with the holes in the D3187-1 Floor.
- 5) It is acceptable to trim the D5470-1 Spacepod Floor Shim(s) to provide a better fit in the aircraft baggage compartment, ensuring that a minimum rib thickness of 0.50" (12.7 mm) is maintained.
- 6) Continue with the installation instructions (IIN-D350-600 Rev. E or later) at section 3.2.3.
- 7) Update the aircraft weight and balance per section 3.0 of this service instruction.
- 8) Update the aircraft logbook to indicate installation of DSI 9762-011 Spacepod Floor Shim Kit.

Note: It is the customer's responsibility to ensure that the AN525-10R Screws used to fasten the D3187-1 Floor to the aircraft baggage compartment floor are of adequate length to ensure 1-3 threads in safety.

3.0 WEIGHT AND BALANCE

Note: The following table shows the net weight increase per individual D5470-1 Spacepod Floor Shim. Adjust the weight and balance accordingly to accommodate for the number of shims installed.

Installation	Weight	LONGITUDINAL		LATERAL	
		Arm	Moment	Arm	Moment
DSI 9762-011 Spacepod Floor Shim Kit (per D5470-1 shim)	1.53 lb 0.69 kg	125 in 3.18 m	191.3 in lb 2.19 m kg	- 38.4 in - 0.98 m	- 58.7 in lb - 0.68 m kg

4.0 PARTS LISTS

Qty	Part Number	Description
-011		
X	DSI 9762-011	Spacepod Floor Shim Kit
4	D5470-1	Spacepod Floor Shim

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

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APPROVED	WM	TITLE	SCALE
DE APPR.	DS	SPACEPOD FLOOR SHIM KIT	NTS
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